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PTO/SB/05 (03-01)
Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 29936/39472

First Inventor DONG, Cha Deok

Title METHOD OF MANUFACTURING A FLASH
MEMORY DEVICE

Express Mail Label No. EV 180483829 US

035089 PTO
10/6/10/03
07/10/03

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)
2. Applicant claims small entity status.
3. Specification
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed Sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure

4. Drawing(s) (35 U.S.C. 113)
[Total Sheets 3] [Total Pages 3]
5. Oath or Declaration

- a. Newly executed (original or copy)
- b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
- i. DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

6. Application Data Sheet. See 37 CFR 1.76

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP) of prior application No.: _____

Group / Art Unit: _____

Prior application information: Examiner _____ Group / Art Unit: _____
For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label

or Correspondence address below

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| | | | |
|-------------------|-------------------------------|-----------------------------------|---------------|
| Name (Print/Type) | Mark H. Hopkins, Ph.D. | Registration No. (Attorney/Agent) | 44,774 |
| Signature | <i>Mark H. Hopkins, Ph.D.</i> | Date | July 10, 2003 |

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV 180483829
US in an envelope addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
on the date shown below.

Dated: July 10, 2003

Signature: *Richard Zimmermann* (Richard Zimmermann)

07/10/03

17439 U.S. PTO

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PTO/SB/17 (10-02)

Approved for use through 10/31/2002. OMB 0651-0032

FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) **750.00**

Complete if Known

| | |
|----------------------|------------------|
| Application Number | Not Yet Assigned |
| Filing Date | July 10, 2003 |
| First Named Inventor | DONG, Cha Deok |
| Examiner Name | Not Yet Assigned |
| Group Art Unit | Not Yet Assigned |
| Attorney Docket No. | 29936/39472 |

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order Other None
 Deposit Account

Deposit Account Number

Deposit Account Name

The Commissioner is hereby authorized to: (check all that apply)

- Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION**1. BASIC FILING FEE****Large Entity Small Entity**

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description | Fee Paid |
|----------|----------|----------|----------|------------------------|----------------------|
| 1001 | 750 | 2001 | 375 | Utility filing fee | <input type="text"/> |
| 1002 | 330 | 2002 | 165 | Design filing fee | <input type="text"/> |
| 1003 | 520 | 2003 | 260 | Plant filing fee | <input type="text"/> |
| 1004 | 750 | 2004 | 375 | Reissue filing fee | <input type="text"/> |
| 1005 | 160 | 2005 | 80 | Provisional filing fee | <input type="text"/> |

SUBTOTAL (1) (\$) **2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

| | | | | |
|--------------------|---|----------|--|----------------------|
| Total Claims | 5 | - 20** = | <input type="text"/> x <input type="text"/> = <input type="text"/> | Fee Paid |
| Independent Claims | 1 | - 3** = | <input type="text"/> x <input type="text"/> = <input type="text"/> | <input type="text"/> |
| Multiple Dependent | | | <input type="text"/> = <input type="text"/> | <input type="text"/> |

| Large Entity | Small Entity | Fee Description |
|--------------|--------------|---|
| Fee Code | Fee (\$) | Fee Description |
| 1202 | 18 | 2202 9 Claims in excess of 20 |
| 1201 | 84 | 2201 42 Independent claims in excess of 3 |
| 1203 | 280 | 2203 140 Multiple dependent claim, if not paid |
| 1204 | 84 | 2204 42 ** Reissue independent claims over original patent |
| 1205 | 18 | 2205 9 ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$)

** or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

| Large Entity | Small Entity | Fee Description | Fee Paid |
|--------------|--------------|--|----------------------|
| Fee Code | Fee (\$) | Fee Description | Fee Paid |
| 1051 | 130 | 2051 65 Surcharge - late filing fee or oath | <input type="text"/> |
| 1052 | 50 | 2052 25 Surcharge - late provisional filing fee or cover sheet | <input type="text"/> |
| 1053 | 130 | 1053 130 Non-English specification | <input type="text"/> |
| 1812 | 2,520 | 1812 2,520 For filing a request for ex parte reexamination | <input type="text"/> |
| 1804 | 920* | 1804 920* Requesting publication of SIR prior to Examiner action | <input type="text"/> |
| 1805 | 1,840* | 1805 1,840* Requesting publication of SIR after Examiner action | <input type="text"/> |
| 1251 | 110 | 2251 55 Extension for reply within first month | <input type="text"/> |
| 1252 | 410 | 2252 205 Extension for reply within second month | <input type="text"/> |
| 1253 | 930 | 2253 465 Extension for reply within third month | <input type="text"/> |
| 1254 | 1,450 | 2254 725 Extension for reply within fourth month | <input type="text"/> |
| 1255 | 1,970 | 2255 985 Extension for reply within fifth month | <input type="text"/> |
| 1401 | 320 | 2401 160 Notice of Appeal | <input type="text"/> |
| 1402 | 320 | 2402 160 Filing a brief in support of an appeal | <input type="text"/> |
| 1403 | 280 | 2403 140 Request for oral hearing | <input type="text"/> |
| 1451 | 1,510 | 1451 1,510 Petition to institute a public use proceeding | <input type="text"/> |
| 1452 | 110 | 2452 55 Petition to revive - unavoidable | <input type="text"/> |
| 1453 | 1,300 | 2453 650 Petition to revive - unintentional | <input type="text"/> |
| 1501 | 1,300 | 2501 650 Utility issue fee (or reissue) | <input type="text"/> |
| 1502 | 470 | 2502 235 Design issue fee | <input type="text"/> |
| 1503 | 630 | 2503 315 Plant issue fee | <input type="text"/> |
| 1460 | 130 | 1460 130 Petitions to the Commissioner | <input type="text"/> |
| 1807 | 50 | 1807 50 Processing fee under 37 CFR 1.17(q) | <input type="text"/> |
| 1806 | 180 | 1806 180 Submission of Information Disclosure Stmt | <input type="text"/> |
| 8021 | 40 | 8021 40 Recording each patent assignment per property (times number of properties) | <input type="text"/> |
| 1809 | 750 | 2809 375 Filing a submission after final rejection (37 CFR 1.129(a)) | <input type="text"/> |
| 1810 | 750 | 2810 375 For each additional invention to be examined (37 CFR 1.129(b)) | <input type="text"/> |
| 1801 | 750 | 2801 375 Request for Continued Examination (RCE) | <input type="text"/> |
| 1802 | 900 | 1802 900 Request for expedited examination of a design application | <input type="text"/> |

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) **SUBMITTED BY**

| Name (Print/Type) | Mark H. Hopkins, Ph.D. | Registration No. (Attorney/Agent) | 44,775 | Telephone | (312) 474-6300 |
|-------------------|------------------------|-----------------------------------|--------|-----------|----------------|
| Signature | | | | Date | July 10, 2003 |

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. 180483829 US in an envelope addressed to: MS Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: July 10, 2003

Signature:

(Richard Zimmermann)